



DEPARTMENT OF THE NAVY

OFFICE OF THE SECRETARY  
WASHINGTON, D.C. 20350-1000

SECNAVINST 3401.2A  
OP-65

6 December 1991

SECNAV INSTRUCTION 3401.2A

From: Secretary of the Navy

Subj: NAVY AND MARINE CORPS NON-STRATEGIC NUCLEAR FORCES (NSNF)  
SURVIVABILITY PROGRAM

Encl: (1) DOD Directive 3150.3 of 23 Jan 91, Survivability and  
Security (S2) of Non-Strategic Nuclear Forces (NSNF)

1. Purpose. To implement enclosure (1) within the Department of (R)  
the Navy (DON) and to assign responsibilities for the Navy and  
Marine Corps NSNF Survivability program.

2. Cancellation. SECNAVINST 3401.2. (A)

3. Background. Enclosure (1) revised the Department of Defense (R)  
NSNF survivability program and directs a coordinated approach to  
nuclear weapons survivability, their associated delivery systems,  
supporting forces and facilities.

4. Policy. The DON NSNF survivability program will include the  
requirements of enclosure (1) and will complement other survivability  
programs.

5. Responsibilities

a. The Chief of Naval Operations, and the Commandant of the  
Marine Corps will implement the policies of enclosure (1) and  
this instruction.

b. Chief of Naval Operations (OP-65) and the Commandant of (A)  
the Marine Corps (PL) will serve as DON members to the  
Survivability and Security Steering Group (S2SG).

c. The Chief of Naval Operations (OP-65) will coordinate a  
consolidated annual report to the Assistant to the Secretary of  
Defense for Atomic Energy (ATSD(AE)) on the Department of the Navy  
NSNF survivability program.



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6. Report. Report control symbol DD-R&E(A)1718(3401) is assigned to the reporting requirements contained in paragraph 5c and is approved for 3 years from the date of this instruction.

(R)



Dan Howard  
Under Secretary of the Navy

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# Department of Defense DIRECTIVE

SECNAVINST 3401.2A  
6 DEC 1991

January 23, 1991  
NUMBER 3150.3

ATSD(AE)

SUBJECT: Survivability and Security (S2) of Nonstrategic Nuclear Forces (NSNF)

- References:
- (a) DoD Directive 3150.3, "Survivability of Non-Strategic Nuclear Forces (NSNF)," February 27, 1986 (hereby canceled)
  - (b) DoD Directive 5000.49, "Defense Acquisition Board," September 11, 1989
  - (c) DoD Directive 3150.2, "Safety Studies and Reviews of Nuclear Weapon Systems," February 8, 1984
  - (d) DoD Directive 3224.3, "Physical Security Equipment (PSE): Assignment of Responsibility for Research, Development, Testing, Evaluation, Production, Procurement, Deployment, and Support," February 17, 1989
  - (e) through (h), see enclosure 1

## A. REISSUANCE AND PURPOSE

This Directive:

1. Reissues reference (a) to:

- a. Add NSNF security to the already existing NSNF survivability program.
- b. Add the requirement to interface with the appropriate Defense Acquisition Board (DAB) (reference (b)) committees for actions involving major and nonmajor defense acquisition programs.
- c. Update policy and responsibilities to accomplish the criteria in paragraphs A.1.a. and A.1.b., above.
- d. Prescribe integrated DoD NSNF S2 goals, and incorporate goals under section D., below.

2. Describes the DoD program to develop concepts, procedures, hardware, facilities, and training programs that ensure the S2 of NSNF weapon systems throughout the threat spectrum.

3. Requires that each Military Service maintain NSNF S2 programs in accordance with the policies and procedures described in sections D. and F., below, and that the Defense Nuclear Agency (DNA) maintain coordinated research and development (R&D) NSNF survivability and/or NSNF security support programs to complement the Military Services' programs.

Enclosure (1)

## B. APPLICABILITY AND SCOPE

This Directive:

1. Applies to the Office of the Secretary of Defense (OSD), the Military Departments, the Chairman of the Joint Chiefs of Staff and the Joint Staff, those Unified Commands with a NSNF mission, and the Defense Agencies.

2. Covers the following:

a. NSNF weapon systems for which the Department of Defense has operational responsibility.

b. Nuclear weapons under the custody of the Department of Defense, which could be employed in support of allied forces when authorized by competent authority.

3. NSNF systems that are dual-capable; i.e., they also have a conventional weapons delivery mission. In many instances the conventional role is their primary mission. This Directive applies to those forces or systems, but recognizes that NSNF S2 goals must not unduly hamper the multiple missions of general purpose forces.

## C. DEFINITIONS

The terms used in this Directive are defined in enclosure 2.

## D. POLICY

It is DoD policy that:

1. NSNF S2 programs be directed towards the following goals:

a. Maintain S2 of NSNF weapon systems sufficient to ensure availability in times of crisis.

b. Ensure the capability to conduct rapid upload and/or loadout, and dispersal and/or deployment, of NSNF assets during transition to war with high levels of S2.

c. Deny and/or degrade the enemy's capability to acquire, neutralize, or destroy NSNF assets while on alert, during dispersal and/or deployment, and, once dispersed and/or deployed, in their areas of operation.

d. Improve the S2 of NSNF supporting command, control, communications, and intelligence (C3I), and logistical assets.

e. Improve the capability to assess the threat to NSNF weapon systems.

f. Ensure that S2 are primary factors in the planning, design, acquisition, deployment, and operation of NSNF weapon systems.

2. The NSNF S2 Program shall complement, but not duplicate, existing Directives; i.e., DoD Directives 3150.2, 3224.3, and 5210.41 (references (c) through

(e)) and DoD C-5210.41-M (reference (f)), which address specific aspects of nuclear survivability, system security, and system safety. The NSNF S2 Program ties together the various complementary programs and Directives and provides forums for oversight and discussion.

3. The S2 Program shall not reduce the operational commander's role in establishing goals and objectives for the S2 of operational forces.

4. The requirements for R&D and implementation of corrective measures for NSNF S2 shall be coordinated among the OSD, the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Military Services, the appropriate operational commanders, and the DNA.

5. Information on major and nonmajor acquisition programs, or any other pertinent information that may assist the acquisition process, shall be coordinated with the appropriate DAB committees listed in DoD Instruction 5000.2 (reference (g)).

#### E. RESPONSIBILITIES

1. The Assistant to the Secretary of Defense (Atomic Energy) (ATSD(AE)) shall:

a. Constitute and chair the NSNF S2 Steering Group (S2SG).

b. Appoint a field grade officer to chair a NSNF S2 Working Group (S2WG) answerable to the NSNF S2SG.

c. Coordinate recommended changes or revisions to this Directive with the OSD, the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Military Services, and the applicable Defense Agencies.

d. Periodically advise the Under Secretary of Defense for Acquisition (USD(A)) on the status of the Military Services' and DNA's NSNF S2 programs and the activities of the steering and working groups.

e. Provide advice and recommendations on NSNF S2 to the appropriate DAB committee, as may be pertinent to support major acquisition decisions. Provide similar advice and recommendations, as appropriate, to Service Acquisition Executives (SAEs) in support of nonmajor acquisition decisions. Provide information to, and coordinate NSNF S2 program activities with, the Nuclear Weapons Council (NWC).

f. Maintain cognizance over the DNA NSNF survivability programs and the DNA NSNF Security Program.

g. Emphasize development of doctrine and training programs to improve current operations and to facilitate use of new materiel in future operations.

2. The Director, Defense Research and Engineering (DDR&E), shall:

a. Provide representation on the NSNF S2SG and representation on the S2WG.

b. Serve as focal point for NSNF issues, as they relate to NSNF survivability programs and initiatives.

c. Provide guidance and direction on any overlap in S2 initiatives between nonstrategic and strategic systems.

d. Coordinate PSE requirements of the Military Services, as they relate to NSNF S2 issues and initiatives.

e. As appropriate, ensure that NSNF S2 issues are addressed by the Physical Security Equipment Action Group (PSEAG).

f. Implement paragraphs E.2.a. through E.2.c., above; and as Chair of the DAB Strategic Systems Committee, ensure that S2 issues are identified and resolved, and that pertinent recommendations are developed on the operating and policy aspects of the DoD Acquisition System, as they pertain to the NSNF.

g. Implement paragraphs E.2.a., E.2.d., and E.2.e., above, and as Chair of the DAB Conventional Systems Committee, ensure that S2 are considered in the acquisition of dual-capable NSNF systems.

3. The Under Secretary of Defense for Policy (USD(P)) shall:

a. Provide senior-level representation on the NSNF S2SG and representation on the S2WG.

b. Serve as point of coordination for policy implications related to arms control, deployment considerations, and allied perceptions of NSNF S2 issues and initiatives.

c. Identify new and evolving policy and strategy trends that may impact NSNF S2.

d. Assist in the determination of the threat to NSNF from special operations (SO) units or during times of low-intensity conflict (LIC).

e. Provide policy guidance on the use of special operations forces (SOFs) in NSNF S2.

f. Assess the impact and applicability of the requirements of DoD Directive 5210.41 and DoD C-5210.41-M (references (e) and (f)) and other security policies on NSNF S2 issues and initiatives.

4. The Assistant Secretary of Defense for Command, Control, Communications, and Intelligence (ASD(C3I)) shall:

a. Provide senior-level representation on the NSNF S2SG and representation on the S2WG.

b. Serve as the focal point for interface with the command, control, and communications (C3) community for consideration of implications of and/or impact on NSNF C3 assets from S2 issues and initiatives.

c. Ensure that NSNF S2 are considered in evaluating, planning, developing, and maintaining the Nuclear Command and Control System (NCCS) architecture.

d. As Chair of the DAB C3I Systems Committee, ensure that S2 are considered in the acquisition of NSNF C3I systems.

e. Monitor DoD NSNF S2 Program activities for applicability and/or impact to NSNF C3 programs.

5. The Under Secretary of Defense for Acquisition (USD(A)) shall:

a. Provide senior-level representation on the NSNF S2SG and representation on the S2WG.

b. Support the procurement of facilities required for NSNF S2.

6. The Comptroller of the Department of Defense (C, DoD) shall:

a. Provide senior-level representation on the NSNF S2SG and representation on the S2WG.

b. Assess the budgetary impacts of NSNF S2 issues and initiatives.

7. The Assistant Secretary of Defense (Program Analysis and Evaluation) (ASD(PA&E)) shall:

a. Provide senior-level representation on the NSNF S2SG and representation on the S2WG.

b. Assess the programmatic impacts of NSNF S2 issues and initiatives.

8. The Chairman of the Joint Chiefs of Staff and the Joint Staff shall:

a. Appoint a principal point of contact (POC) to coordinate all facets of the DoD NSNF S2 program, as it relates to the operation of forces.

b. Provide representation on the NSNF S2SG and representation on the S2WG.

c. Ensure that the direction of the Secretary of Defense with respect to the Nuclear C3 System is carried out.

d. Provide operational guidance and direction on NSNF S2 to the appropriate operational commands; provide coordination and oversight of Unified Commands' NSNF S2 initiatives and issues; and integrate multi-Service NSNF S2 requirements.

e. Ensure that the interests of the Unified Commands are addressed during NSNF S2 concept and policy development, and during design, acquisition, and fielding of NSNF S2 improvements.

9. The U.S. Commanders in Chief, Europe (USCINCEUR), Atlantic (USCINCLANT), Pacific (USCINCPAC), and Any Other Commanders of Unified Commands with a NSNF Mission shall:



a. Consider NSNF S2 in operational planning and training, and in the day-to-day conduct of activities relating to all force postures, as follows:

- (1) Nondispersed and/or nondeployed.
- (2) Dispersing and/or deploying.
- (3) Dispersed and/or deployed.

b. Review and be cognizant of the NSNF S2 programs and initiatives of the Military Services and the DNA and recommend and/or submit requirements for R&D and/or NSNF S2 enhancements through appropriate channels.

c. Develop and/or implement NSNF S2 initiatives, as appropriate.

10. The Secretaries of the Military Departments shall:

a. Maintain a NSNF survivability program and a NSNF security program with specific goals and/or objectives and priorities responsive to DoD NSNF S2 goals. At the option of the Secretaries of the Military Departments, NSNF survivability and NSNF security programs may be combined, may be separate programs, or may be embodied in existing programs.

b. Provide two copies of implementing documents to the ATSD(AE) within 30 days of initial publication or change.

c. Appoint a Military Service single POC.

d. Provide representation on the NSNF S2SG and representation on the S2WG.

e. Evaluate the S2 of NSNF nuclear weapons, associated delivery systems, and supporting forces and facilities under Military Service cognizance to ensure maximum S2, identify shortcomings, and develop and implement corrective measures.

f. Ensure that the R&D projects included in the DNA NSNF S2 programs are evaluated and, when appropriate, transitioned in the appropriate Planning, Programing, and Budgeting System (PPBS) cycle.

g. Inform the ATSD(AE) how S2 are being considered for new or modernized NSNF systems before Milestone I demonstration and/or validation decision described in DoD Directive 5000.1 (reference (h)). Before the Milestone II full-scale development decision, provide the security concept of operations to the USD(P), as required by DoD Directive 5210.41 (reference (e)), and a survivability concept of operations to the ATSD(AE).

h. Ensure that doctrine and training programs support NSNF operational S2, and that NSNF S2 are considered in the development and fielding of new materiel.

i. Provide an annual report on its NSNF survivability program and NSNF security program to the ATSD(AE), no later than 60 days after the end of each calendar year, in accordance with the guidance in enclosure 3.

j. Designate NSNF S2 representatives to implement paragraphs E.10.a. through E.10.i., above.

11. The Director, Defense Nuclear Agency (DNA), shall:

a. Appoint a senior program manager to act as the principal POC with the OSD, the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Military Services, and the appropriate operational commands.

b. Conduct and coordinate NSNF survivability and NSNF security research programs under the cognizance of the ATSD(AE). Those programs shall be coordinated with the associated R&D programs on NSNF systems directed by the USD(A), and those on security directed by the USD(A) and the USD(P). The DNA program shall be structured to consider the NSNF S2 research needs of the Military Services.

c. Provide an annual report on its NSNF S2 programs to the ATSD(AE), not later than 60 days after the end of the calendar year, in accordance with the guidance in enclosure 3.

d. Provide two copies of program-implementing documents to the ATSD(AE) within 30 days of initial publication or change.

e. Provide technical support on NSNF S2 matters to the ATSD(AE) and the NSNF S2SG and S2WG.

12. The Director, Defense Intelligence Agency (DIA), shall:

a. Ensure that collection priorities and requirements reflect NSNF S2 Program requirements.

b. Provide threat support to the S2SG and the S2WG.

c. Work with the appropriate Military Service elements to produce, review, validate, and publish the NSNF threat environment projection and provide other threat estimates releasable to the allies, when requested by the ATSD(AE).

F. PROCEDURES

1. An NSNF S2SG shall operate under the Chair of the ATSD(AE) to accomplish the following:

a. Review DoD NSNF S2 goals, and evaluate progress made in achieving those goals.

b. Consider the feasibility of proposed concepts and review ongoing NSNF S2 projects.

c. Ensure that NSNF S2 receive proper emphasis during the development of the Defense Planning Guidance.

- d. Monitor the DNA NSNF S2 R&D programs.
- e. Ensure coordination and prevent duplication among DNA and Military Service S2 programs and with DCA C3 activities and programs, which are related to, but outside the scope of this Directive.
- f. Facilitate the exchange of information among participants.
- g. Recommendations of the S2SG shall be referred for action, as appropriate, by the ATSD(AE) to the applicable DAB committee, the OSD office, the Military Service, the Chairman of the Joint Chiefs of Staff and the Joint Staff, or Unified Commander for consideration and resolution.

2. The S2SG

- a. The following shall appoint a member to the S2SG:
  - (1) The USD(A).
  - (2) The USD(P).
  - (3) The ATSD(AE); Chair.
  - (4) The DDR&E.
  - (5) The ASD(PA&E).
  - (6) The ASD(C3I).
  - (7) The C, DoD.
  - (8) The Chairman of the Joint Chiefs of Staff.
  - (9) The Secretary of the Army.
  - (10) The Secretary of the Navy (who shall appoint two: one from each Service within the Department of the Navy).
  - (11) The Secretary of the Air Force.
- b. The following DoD Components, Agencies, and Government Departments may be invited by the S2SG Chair to send representatives to S2SG meetings or to assist or to support the S2SG, as required:
  - (1) The National Security Agency (NSA).
  - (2) The NCCS.
  - (3) The Department of Energy (DoE).
  - (4) The NWC.
  - (5) The Central Intelligence Agency (CIA).

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(6) The Department of State (DoS).

(7) The Federal Bureau of Investigation (FBI).

3. The S2WG

a. A S2WG shall be constituted by the ATSD(AE) to perform activities, as directed by the S2SG.

b. Those organizations and/or offices represented on the S2SG shall also be represented on the S2WG, along with other organizations and/or offices.

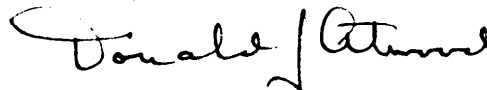
4. The S2SG and the S2WG shall meet, at least annually, at the call of the Chair.

G. INFORMATION REQUIREMENTS

The "Nonstrategic Nuclear Forces Survivability and/or Security Program Reports," required by paragraphs E.10.i. and E.11.d., above, have been assigned Report Control Symbol DD-AE(A)1718.

H. EFFECTIVE DATE AND IMPLEMENTATION

This Directive is effective immediately. Forward one copy of implementing documents to the Assistant to the Secretary of Defense (Atomic Energy) within 120 days.



Donald J. Atwood  
Deputy Secretary of Defense

Enclosures - 3

1. References
2. Definitions
3. Annual Survivability and/or Security Program Reports

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REFERENCES, continued

- (e) DoD Directive 5210.41, "Security Policy for Protecting Nuclear Weapons," September 23, 1988
- (f) DoD C-5210.41-M, "Nuclear Weapon Security Manual (U)," September 1987, authorized by DoD Directive 5210.41, September 23, 1988
- (g) DoD Instruction 5000.2, "Defense Acquisition Program Procedures," September 1, 1987
- (h) DoD Directive 5000.1, "Major and Non-Major Defense Acquisition Programs," September 1, 1987

#### DEFINITIONS

1. Nonstrategic Nuclear Forces (NSNF). Those nuclear-capable forces, located in an area of military operations, with a capability to employ nuclear weapons by land, sea, or air forces against opposing forces, supporting installations, or facilities. Such forces may be employed, when authorized by competent authority, to support operations that contribute to the accomplishment of the military commander's mission within the theater of operations. This term shall be used instead of the term "theater nuclear forces (TNF)."
2. NSNF Security. The protection of all mission-essential NSNF assets to prevent the theft or diversion and/or the unauthorized detonation of a tactical nuclear weapon or component, and to prevent unauthorized access to and/or damage and/or sabotage to a tactical nuclear weapon or component.
3. NSNF Survivability. The capability of NSNF and NSNF supporting systems and facilities to endure in order to maintain the ability to execute their assigned missions.
4. NSNF Survivability and Security (S2) Scope. That scope applies to all of the following:
  - a. All Mission-Essential Assets. Personnel, equipment, facilities, nuclear and nonnuclear elements of weapon systems, and weapon systems support.
  - b. The Entire Threat Spectrum. Unconventional, conventional, chemical, and nuclear.
  - c. All Force Postures. Nondispersed and/or nondeployed, dispersing and/or deploying, and dispersed and/or deployed.
  - d. Doctrine, Organization, Procedures, Training, and Equipment.
5. NSNF Weapon Systems. Includes the nuclear weapon, a means of delivering it to the target, associated support equipment (facilities, etc.), and personnel.

ANNUAL SURVIVABILITY AND/OR SECURITY PROGRAM REPORTS

In accordance with this Directive, each of the Military Services, and the DNA are tasked to provide an annual report to the ATSD(AE) on the progress of their NSNF S2 Program. Those reports shall be used in assessing the overall DoD NSNF S2 Program. Those annual reports should include the following information:

- A. The name and position of the current Survivability and/or Security Program single POC and the representative(s) to the DoD S2SG and S2WG.
- B. Military Service or Agency NSNF survivability and/or NSNF security goals and objectives for the coming year(s).
- C. The status of current NSNF S2 programs and/or initiatives, to include the following:
  - 1. A brief description, the weapon system(s) involved, and the vulnerability and/or deficiency being addressed.
  - 2. Significant program accomplishments and/or acquisition activities since the last report.
  - 3. Actions taken, ongoing or planned, to enhance the survivability and/or security of the system and to address vulnerabilities and/or deficiencies, and the status of the actions to include funding and the status within the PPBS or acquisition process.
  - 4. Program obstacles and/or problem areas that require OSD or DAB committee attention for possible action, assistance, or resolution.
- D. Applicable DNA programs and/or projects evaluated for possible Military Service development, the results of those evaluations, and projected milestones for those programs and/or projects to be pursued.
- E. Ongoing or completed actions to develop doctrine and training programs to improve NSNF operational S2.
- F. The identification and status and/or dates of documentation implementing the Military Service NSNF S2 Program.